

WHAT IS CLAIMED IS:

1. A liquid crystal display device, comprising:
 - a pair of substrates;
 - a liquid crystal layer sandwiched between the pair of substrates, the liquid crystal layer including liquid crystal having negative dielectric anisotropy whose initial alignment state exhibits a vertical alignment;
 - an image display region; and
 - a plurality of dot regions arranged in the image display region, each of the dot regions being provided with a transmissive display region to perform transmissive display and a reflective display region to perform reflective display,
 - the transmissive display regions or the reflective display regions of two adjacent dot regions provided at positions facing edges of the respective dot regions and the liquid crystal aligned obliquely in reverse directions to each other by a transverse electric field which is generated at each edge when a voltage is applied.
2. A liquid crystal display device, comprising:
 - a pair of substrates;
 - a liquid crystal layer sandwiched between the pair of substrates, the liquid crystal layer including liquid crystal having negative dielectric anisotropy whose initial alignment state exhibits a vertical alignment;
 - an image display region; and
 - a plurality of dot regions arranged in the image display region, each of the dot regions being provided with a transmissive display region to perform transmissive display and a reflective display region to perform reflective display,
 - the transmissive display regions or the reflective display regions of two adjacent dot regions opposed to each other so as to sandwich a region between the dot regions.
3. A liquid crystal display device, comprising:
 - a pair of substrates;
 - a liquid crystal layer sandwiched between the pair of substrates, the liquid crystal layer including liquid crystal having negative dielectric anisotropy whose initial alignment state exhibits a vertical alignment;
 - an image display region; and

a plurality of dot regions arranged in the image display region, each of the dot regions being provided with a transmissive display region to perform transmissive display and a reflective display region to perform reflective display,

the transmissive display regions or the reflective display regions of two adjacent dot regions opposed to each other at a left position and a right position with respect to a direction which the dot regions are adjacent to each other.

4. The liquid crystal display device according to Claim 1 further comprising:

a liquid crystal layer thickness-adjusting layer to control the thickness of the liquid crystal layer so as to be different in the reflective display region and the transmissive display region provided at least on the reflective display region between at least one of the pair of substrates and the liquid crystal layer.

5. The liquid crystal display device according to Claim 1,

the dot region being formed in a substantially rectangular shape, and

the transmissive display region arranged along the long edge of the dot region.

6. The liquid crystal display device according to Claim 5,

the liquid crystal layer thickness-adjusting layer provided along three edges of the substantially rectangular dot region to form a U-shape in plan view, and the transmissive display region arranged along the other one edge thereof.

7. The liquid crystal display device according to Claim 5,

the transmissive display region provided along three edges of the rectangular dot region to form a U-shape in plan view, and the liquid crystal layer thickness-adjusting layer arranged along the other one edge thereof.

8. The liquid crystal display device according to Claim 5,

the transmissive display region provided at four places being disposed along four edges of the substantially rectangular dot region.

9. The liquid crystal display device according to Claim 5,

a liquid crystal layer thickness-adjusting layer provided at four places being disposed along four edges of the rectangular dot region.

10. An electronic apparatus, comprising:

the liquid crystal display device according to Claim 1.